

ASTD/TDI Project Static Report

Subsurface Disposal Area Integrated Geophysical Debris Characterization System

Focus Area: Subsurface Contaminants Focus Area

TTP No.: ID79SS41

Lead Site: Idaho

Project No.: 99-ASTD-44

Tech ID/TMS No.:

Related Publication(s): None

Web Page(s):

Description: This project incorporates a non-intrusive geophysical system to detect the waste forms associated with contaminants of concern (COC). The system is comprised of three commercially available and fully demonstrated geophysical technologies: (1) Sage Rapid Geophysical Surveyor; (2) Geophex Gem-2; and (3) the Geonics EM-61 DX.

Application: The system will be used for preliminary detection of these contaminants by locating and classifying the waste forms detected so that direct physical sampling can occur.

Location(s): INEE:L

Technology(ies):

Geonics EM-61 DX

Geophex Gem-2

Rapid Geophysical Surveyor

	Funding (\$K):	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>Total</u>
TTP No.:	ID79SS41	\$0	\$90	\$0	\$0	\$90
Leverage Source:	EM-40					\$90
						\$180
					Funding Total (\$K):	\$180

Cost Savings (\$M):	<u>Proposal</u>	<u>Deployment Plan/TTP</u>	<u>Current Focus Area Projection</u>
	Pending	Pending	\$472